# Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

## Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

**2018**

**This Form is Open to Public Inspection**

## Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 04/01/2018 and ending 03/31/2019

**A** This return/report is for:
- [X] a single-employer plan
- [ ] a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [ ] a one-participant plan
- [ ] a foreign plan

**B** This return/report is
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

**C** Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] DFVC program
- [ ] special extension (enter description)

## Part II Basic Plan Information—enter all requested information

**1a** Name of plan
SMITH PAVING & EXCAVATING, INC. CASH BALANCE PLAN

**1b** Three-digit plan number (PN) ▶ 002

**1c** Effective date of plan 04/01/2015

**2a** Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
SMITH PAVING & EXCAVATING, INC.

4426 N. OLD STATE ROAD
NORWALK, OH 44857

**2b** Employer Identification Number (EIN) 34-1269657

**2c** Sponsor's telephone number 419-668-4165

**2d** Business code (see instructions) 237310

**3a** Plan administrator's name and address [X] Same as Plan Sponsor.

**3b** Administrator's EIN

**3c** Administrator's telephone number

**4** If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
**a** Sponsor's name
**c** Plan Name

**4b** EIN

**4d** PN

| | | |
|---|---|---|
| **5a** Total number of participants at the beginning of the plan year | **5a** | 19 |
| **b** Total number of participants at the end of the plan year | **5b** | 21 |
| **c** Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) | **5c** | |
| **d(1)** Total number of active participants at the beginning of the plan year | **5d(1)** | 19 |
| **d(2)** Total number of active participants at the end of the plan year | **5d(2)** | 21 |
| **e** Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested | **5e** | 0 |

**Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.**

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

| | | | |
|---|---|---|---|
| **SIGN HERE** | Filed with authorized/valid electronic signature. | 01/10/2020 | NEIL MCFADDEN |
| | **Signature of plan administrator** | Date | Enter name of individual signing as plan administrator |
| **SIGN HERE** | | | |
| | **Signature of employer/plan sponsor** | Date | Enter name of individual signing as employer or plan sponsor |

**6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) [X] Yes [ ] No

**b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) [X] Yes [ ] No

**If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**

**c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? [X] Yes [ ] No [ ] Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4190209. (See instructions.)

## Part III Financial Information

| 7 Plan Assets and Liabilities | | (a) Beginning of Year | (b) End of Year |
|---|---|---|---|
| a Total plan assets | 7a | 2350821 | 3130354 |
| b Total plan liabilities | 7b | 0 | 0 |
| c Net plan assets (subtract line 7b from line 7a) | 7c | 2350821 | 3130354 |
| **8** Income, Expenses, and Transfers for this Plan Year | | **(a) Amount** | **(b) Total** |
| a Contributions received or receivable from: (1) Employers | 8a(1) | 767933 | |
| (2) Participants | 8a(2) | 0 | |
| (3) Others (including rollovers) | 8a(3) | 0 | |
| b Other income (loss) | 8b | 11600 | |
| c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b) | 8c | | 779533 |
| d Benefits paid (including direct rollovers and insurance premiums to provide benefits) | 8d | 0 | |
| e Certain deemed and/or corrective distributions (see instructions) | 8e | 0 | |
| f Administrative service providers (salaries, fees, commissions) | 8f | 0 | |
| g Other expenses | 8g | 0 | |
| h Total expenses (add lines 8d, 8e, 8f, and 8g) | 8h | | 0 |
| i Net income (loss) (subtract line 8h from line 8c) | 8i | | 779533 |
| j Transfers to (from) the plan (see instructions) | 8j | 0 | |

## Part IV Plan Characteristics

**9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 1C 1D

**b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

## Part V Compliance Questions

| 10 During the plan year: | | Yes | No | Amount |
|---|---|---|---|---|
| a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program) | 10a | | X | |
| b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.) | 10b | | X | |
| c Was the plan covered by a fidelity bond? | 10c | X | | 500000 |
| d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? | 10d | | X | |
| e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.) | 10e | | X | |
| f Has the plan failed to provide any benefit when due under the plan? | 10f | | X | |
| g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.) | 10g | | X | |
| h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) | 10h | | | |
| i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 | 10i | | | |

## Part VI Pension Funding Compliance

| | | |
|---|---|---|
| **11** | Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below) | [X] Yes [ ] No |
| **11a** | Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 | **11a** 0 |
| **12** | Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) | [ ] Yes [X] No |
| **a** | If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____ | |

**If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.**

| | | | |
|---|---|---|---|
| **b** | Enter the minimum required contribution for this plan year | **12b** | |
| **c** | Enter the amount contributed by the employer to the plan for this plan year | **12c** | |
| **d** | Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) | **12d** | |
| **e** | Will the minimum funding amount reported on line 12d be met by the funding deadline? | | [ ] Yes [ ] No [ ] N/A |

## Part VII Plan Terminations and Transfers of Assets

| | | | |
|---|---|---|---|
| **13a** | Has a resolution to terminate the plan been adopted in any plan year? | | [ ] Yes [X] No |
| | If "Yes," enter the amount of any plan assets that reverted to the employer this year | **13a** | |
| **b** | Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? | | [ ] Yes [X] No |

**c** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

| **13c(1)** Name of plan(s): | **13c(2)** EIN(s) | **13c(3)** PN(s) |
|---|---|---|
| | | |

# SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

# Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

**2018**

**This Form is Open to Public Inspection**

For calendar plan year 2018 or fiscal plan year beginning 04/01/2018 and ending 03/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

**A** Name of plan
SMITH PAVING & EXCAVATING, INC. CASH BALANCE PLAN

**B** Three-digit plan number (PN) ▶ 002

**C** Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
SMITH PAVING & EXCAVATING, INC.

**D** Employer Identification Number (EIN)
34-1269657

**E** Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

**F** Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

## Part I Basic Information

**1** Enter the valuation date: Month 03 Day 31 Year 2019

**2** Assets:

| | | |
|---|---|---|
| **a** Market value | **2a** | 2362421 |
| **b** Actuarial value | **2b** | 2362421 |

**3** Funding target/participant count breakdown

| | (1) Number of participants | (2) Vested Funding Target | (3) Total Funding Target |
|---|---|---|---|
| **a** For retired participants and beneficiaries receiving payment | 0 | 0 | 0 |
| **b** For terminated vested participants | 0 | 0 | 0 |
| **c** For active participants | 21 | 2291671 | 2291671 |
| **d** Total | 21 | 2291671 | 2291671 |

**4** If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

| | | |
|---|---|---|
| **a** Funding target disregarding prescribed at-risk assumptions | **4a** | |
| **b** Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor | **4b** | |
| **5** Effective interest rate | **5** | 3.92 % |
| **6** Target normal cost | **6** | 818013 |

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

**SIGN HERE**

| | |
|---|---|
| Signature of actuary | Date: 01/10/2020 |
| GLEN ARCHINAL, EA, MSPA, MAAA | Most recent enrollment number: 17-02853 |
| Type or print name of actuary | |
| CBIZ RETIREMENT PLAN SERVICES | Telephone number (including area code): 330-644-2044 |
| Firm name | |
| 13680 CLEVELAND AVE NW<br>UNIONTOWN, OH 44685 | |
| Address of the firm | |

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

## Part II Beginning of Year Carryover and Prefunding Balances

| | | (a) Carryover balance | (b) Prefunding balance |
|---|---|---|---|
| 7 | Balance at beginning of prior year after applicable adjustments (line 13 from prior year) | 0 | 0 |
| 8 | Portion elected for use to offset prior year's funding requirement (line 35 from prior year) | 0 | 0 |
| 9 | Amount remaining (line 7 minus line 8) | 0 | 0 |
| 10 | Interest on line 9 using prior year's actual return of 5.56 % | 0 | 0 |
| 11 | Prior year's excess contributions to be added to prefunding balance: | | |
| | **a** Present value of excess contributions (line 38a from prior year) | | 28526 |
| | **b(1)** Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 4.16% | | 0 |
| | **b(2)** Interest on line 38b from prior year Schedule SB, using prior year's actual return | | 0 |
| | **c** Total available at beginning of current plan year to add to prefunding balance | | 28526 |
| | **d** Portion of (c) to be added to prefunding balance | | 0 |
| 12 | Other reductions in balances due to elections or deemed elections | 0 | 0 |
| 13 | Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) | 0 | 0 |

## Part III Funding Percentages

| | | | |
|---|---|---|---|
| 14 | Funding target attainment percentage | 14 | 103.08% |
| 15 | Adjusted funding target attainment percentage | 15 | 100.02% |
| 16 | Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement | 16 | 103.88% |
| 17 | If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage. | 17 | % |

## Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

| (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees | (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees |
|---|---|---|---|---|---|
| 12/06/2019 | 767933 | 0 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | Totals ► 18(b) | 767933 | 18(c) 0 |

| | | | |
|---|---|---|---|
| 19 | Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year: | | |
| | **a** Contributions allocated toward unpaid minimum required contributions from prior years | 19a | 0 |
| | **b** Contributions made to avoid restrictions adjusted to valuation date | 19b | 0 |
| | **c** Contributions allocated toward minimum required contribution for current year adjusted to valuation date | 19c | 747972 |

20 Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No

**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

| (1) 1st | (2) 2nd | (3) 3rd | (4) 4th |
|---|---|---|---|
| | | | |

## Part V Assumptions Used to Determine Funding Target and Target Normal Cost

**21** Discount rate:

**a** Segment rates:

| 1st segment: | 2nd segment: | 3rd segment: | |
|---|---|---|---|
| 3.92% | 5.52% | 6.29% | ☐ N/A, full yield curve used |

**b** Applicable month (enter code) **21b** 0

**22** Weighted average retirement age **22** 65

**23** Mortality table(s) (see instructions)

Prior regulation: ☐ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Current regulation: ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

## Part VI Miscellaneous Items

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No

**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment **27**

## Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

| | | |
|---|---|---|
| **28** Unpaid minimum required contributions for all prior years | **28** | 0 |
| **29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) | **29** | 0 |
| **30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) | **30** | 0 |

## Part VIII Minimum Required Contribution For Current Year

**31** Target normal cost and excess assets (see instructions):

| | | |
|---|---|---|
| **a** Target normal cost (line 6) | **31a** | 818013 |
| **b** Excess assets, if applicable, but not greater than line 31a | **31b** | 70750 |

**32** Amortization installments:

| | Outstanding Balance | Installment |
|---|---|---|
| **a** Net shortfall amortization installment | 0 | 0 |
| **b** Waiver amortization installment | 0 | 0 |

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____ ) and the waived amount **33**

**34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) **34** 747263

| | Carryover balance | Prefunding balance | Total balance |
|---|---|---|---|
| **35** Balances elected for use to offset funding requirement | 0 | 0 | 0 |

| | | |
|---|---|---|
| **36** Additional cash requirement (line 34 minus line 35) | **36** | 747263 |
| **37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) | **37** | 747972 |

**38** Present value of excess contributions for current year (see instructions)

| | | |
|---|---|---|
| **a** Total (excess, if any, of line 37 over line 36) | **38a** | 709 |
| **b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances | **38b** | 0 |
| **39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) | **39** | 0 |
| **40** Unpaid minimum required contributions for all years | **40** | 0 |

## Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

**41** If an election was made to use PRA 2010 funding relief for this plan:

**a** Schedule elected ☐ 2 plus 7 years ☐ 15 years

**b** Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

# SCHEDULE SB ATTACHMENT

## Line 26 - Schedule of Active Participant Data

**Plan Name: Smith Paving and Excavating Cash Balance Plan**
**EIN/PN: 34-1269657/002**
**Valuation Date: March 31, 2019**

**Years of Credited Service**

| Attained Age | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 29 | 30 to 34 | 35 to 39 | 40 & Up | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 25 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 25 to 29 | - | 1 | - | - | - | - | - | - | - | - | 1 |
| 30 to 34 | - | 1 | 1 | - | - | - | - | - | - | - | 2 |
| 35 to 39 | - | 1 | - | - | 1 | - | - | - | - | - | 2 |
| 40 to 44 | - | 1 | 1 | - | - | 1 | 1 | - | - | - | 4 |
| 45 to 49 | - | - | - | - | 1 | 1 | - | - | - | - | 2 |
| 50 to 54 | - | - | - | 1 | - | - | 1 | - | - | - | 2 |
| 55 to 59 | - | - | 1 | - | - | - | - | - | - | - | 1 |
| 60 to 64 | - | - | - | - | 1 | - | - | 1 | - | - | 2 |
| 65 to 69 | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 70 & Up | - | - | - | - | 1 | - | - | 1 | 1 | - | 3 |
| Total | - | 5 | 3 | 1 | 4 | 2 | 2 | 2 | 1 | 1 | 21 |

# ACTUARIAL ASSUMPTIONS

**Funding Discount Rates**

IRS-Prescribed Three-Segment Rates, for the month that includes the valuation date (Mar).

| | Non-Stabilized | Limited to 25-Year Corridor |
|---|---|---|
| Segment I: | 2.65% | 3.92% |
| Segment II: | 3.95% | 5.52% |
| Segment III: | 4.48% | 6.29% |

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the Highway and Transportation Funding Act of 2014 ('HATFA-14') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

**Effective Interest Rate**

The Effective Interest Rate (EIR) for the 2018 Plan Year was 3.92%. For the prior Plan year, the EIR was 4.16%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the plan sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

**Mortality Table Elected**

§430(h) Optional Combined Annuitant/Non-Annuitant Tables for the Current Plan Year

**Actuarial Equivalence**

Actuarial equivalence under the Plan is as follows.

For converting Cash Balances to Single Life Annuities:

| | Interest Rate: | Mortality Table: |
|---|---|---|
| Pre-Retirement: | 2.88% | None. |
| Post Retirement: | 2.88% | 2018 417(e) |

* IRS 417(e) Interest rates with a December lookback month:

| | |
|---|---|
| Segment I: | 2.48% |
| Segment II: | 3.65% |
| Segment III: | 4.15% |

## ACTUARIAL ASSUMPTIONS (cont)

| | |
|---|---|
| **Future Interest Crediting Rate** | Annual Interest Crediting Assumption: 3.04% |
| **Expected Return on Assets** | Not applicable for funding calculation purposes. A smoothing method is not used to calculate the Actuarial Value of Assets; therefore, the Expected Return on Assets is not used. |
| **Expenses** | Expenses were assumed to be met directly by the Plan Sponsor. |
| **Withdrawal Rates** | None.<br><br><u>Benefit Commencement Age</u><br>Future deferred vested participants are assumed to commence at the Plan's Normal Retirement Age, or valuation age, if later. |
| **Disability Incidence** | None. |
| **Disability Mortality** | None. |
| **Retirement Rates** | None. |
| **Spousal Assumptions** | None.<br><br>Spouses are assumed to be the same age as Participants. |
| **Form of Payment** | Participants are assumed to take lump sums upon eligibility. |
| **Changes in non-required assumptions since the prior valuation** | None. |

# ACTUARIAL METHODS

**Minimum Funding Cost Method**

The actuarial cost method used to determine the liabilities for minimum funding calculations is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

**Maximum deductible contribution method**

The actuarial cost method used to determine the liabilities for maximum deductible calculations is the Projected Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for all participant. The individual accrued liability for a participant is the sum of 1) the present value of the accrued benefit earned as of the valuation date taking into account service and/or pay as of the valuation date; plus 2) the present value of the accrued benefit expected to be earned because of any expected future compensation increases.

The individual normal cost for a participant is the sum of the present value of the benefit expected to accrue in the plan year being valued taking into account any expected future compensation increases.

**Asset Method**

We used financial data submitted by the trustee as of the valuation date without further audit. This information was not be verified by a plan's actuary. We have reviewed the information for internal consistency, and we have no reason to doubt is substantial accuracy.

**Changes in methods since the prior valuation**

None.

# SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

## Single-Employer Defined Benefit Plan Actuarial Information

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▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

**2018**

**This Form is Open to Public Inspection**

For calendar plan year 2018 or fiscal plan year beginning 04/01/2018 and ending 03/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

**A** Name of plan
Smith Paving & Excavating, Inc. Cash Balance Plan

**B** Three-digit plan number (PN) ▶ 002

**C** Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
Smith Paving & Excavating, Inc.

**D** Employer Identification Number (EIN)
34-1269657

**E** Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

**F** Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

## Part I Basic Information

**1** Enter the valuation date: Month 03 Day 31 Year 2019

**2** Assets:

| | | |
|---|---|---|
| **a** Market value | **2a** | 2,362,421 |
| **b** Actuarial value | **2b** | 2,362,421 |

**3** Funding target/participant count breakdown

| | (1) Number of participants | (2) Vested Funding Target | (3) Total Funding Target |
|---|---|---|---|
| **a** For retired participants and beneficiaries receiving payment | 0 | 0 | 0 |
| **b** For terminated vested participants | 0 | 0 | 0 |
| **c** For active participants | 21 | 2,291,671 | 2,291,671 |
| **d** Total | 21 | 2,291,671 | 2,291,671 |

**4** If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

| | | |
|---|---|---|
| **a** Funding target disregarding prescribed at-risk assumptions | **4a** | |
| **b** Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor | **4b** | |
| **5** Effective interest rate | **5** | 3.92% |
| **6** Target normal cost | **6** | 818,013 |

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

**SIGN HERE** GLEN ARCHINAL, EA, MSPA, MAAA GA — 01/10/2020

Signature of actuary — Date

GLEN ARCHINAL, EA, MSPA, MAAA — 1702853

Type or print name of actuary — Most recent enrollment number

CBIZ RETIREMENT PLAN SERVICES — 330-644-2044

Firm name — Telephone number (including area code)

13680 CLEVELAND AVE NW

UNIONTOWN OH 44685

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

# SCHEDULE SB ATTACHMENT

## Line 19 - Discounted Employer Contributions

**Plan Name: Smith Paving and Excavating Cash Balance Plan**
**EIN/PN: 34-1269657/002**
**Valuation Date: March 31, 2019**

**Total Contributed:** **$767,933.00** **Total Discounted to Valuation Date:** **$747,972.00**

| Date | Amount | Plan Year Beginning | Effective Rate of Interest | Amount Discounted | Penalty Rate of Interest | Additional Amount Discounted | Present Value on Date of Valuation |
|---|---|---|---|---|---|---|---|
| 12/06/2019 | 767,933 | 04/2018 | 3.92% | 19,961 | | | 747,972 |

# SCHEDULE SB ATTACHMENT

## Line 22 - Weighted Average Retirement Age

**Plan Name: Smith Paving and Excavating Cash Balance Plan**
**EIN/PN: 34-1269657/002**
**Valuation Date: March 31, 2019**

Each participant is assumed to retire at his/her normal retirement age of 65.

# SUMMARY of PLAN BENEFITS

| | |
|---|---|
| **Plan Effective Date** | 4/1/2015 |
| **Plan Anniversary Date** | 4/1/2018 |
| **Cash Balance Plan Eligibility** | Eligibility upon reaching age 21 and attaining 12 months of service |
| **Plan Entry** | First and 7th Month of the Plan Year |
| **Normal Retirement Date** | First of Month coincident with or next following age 65 and 3 Years of Service |
| **Benefit Accruals (Units)** | Group One: 3% of Compensation and 2.5 times Compensation in excess of $165,000<br><br>Group Two: 3% of Compensation and 2.5 times Compensation in excess of $165,000<br><br>Group Three: 3% of Compensation and 2.5 times Compensation in excess of $165,000<br><br>Group Four: 3% of Compensation<br><br>Accrued Benefit are subject to concurrent offset by the annuity equivalent of a portion of the Profit Sharing accounts |
| **Normal Retirement Benefit** | Units accrued at retirement |
| **Compensation** | W-2 Compensation not to exceed limit of $275,000 |
| **Death Benefit** | 100% of Present Value of Accrued Benefits |
| **Vesting Schedule** | 3 Year Cliff |
| **Vesting Service** | One year upon working 1,000 hours during the Plan Year |
| **Early Retirement Benefit** | None |